

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
 Data File : BN016721.D
 Acq On : 04 Oct 2021 22:00
 Operator : CG/JU
 Sample : M4045-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 S-818-N-SO-1-1.5-100121-FD

Quant Time: Oct 05 03:35:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 04 17:52:33 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

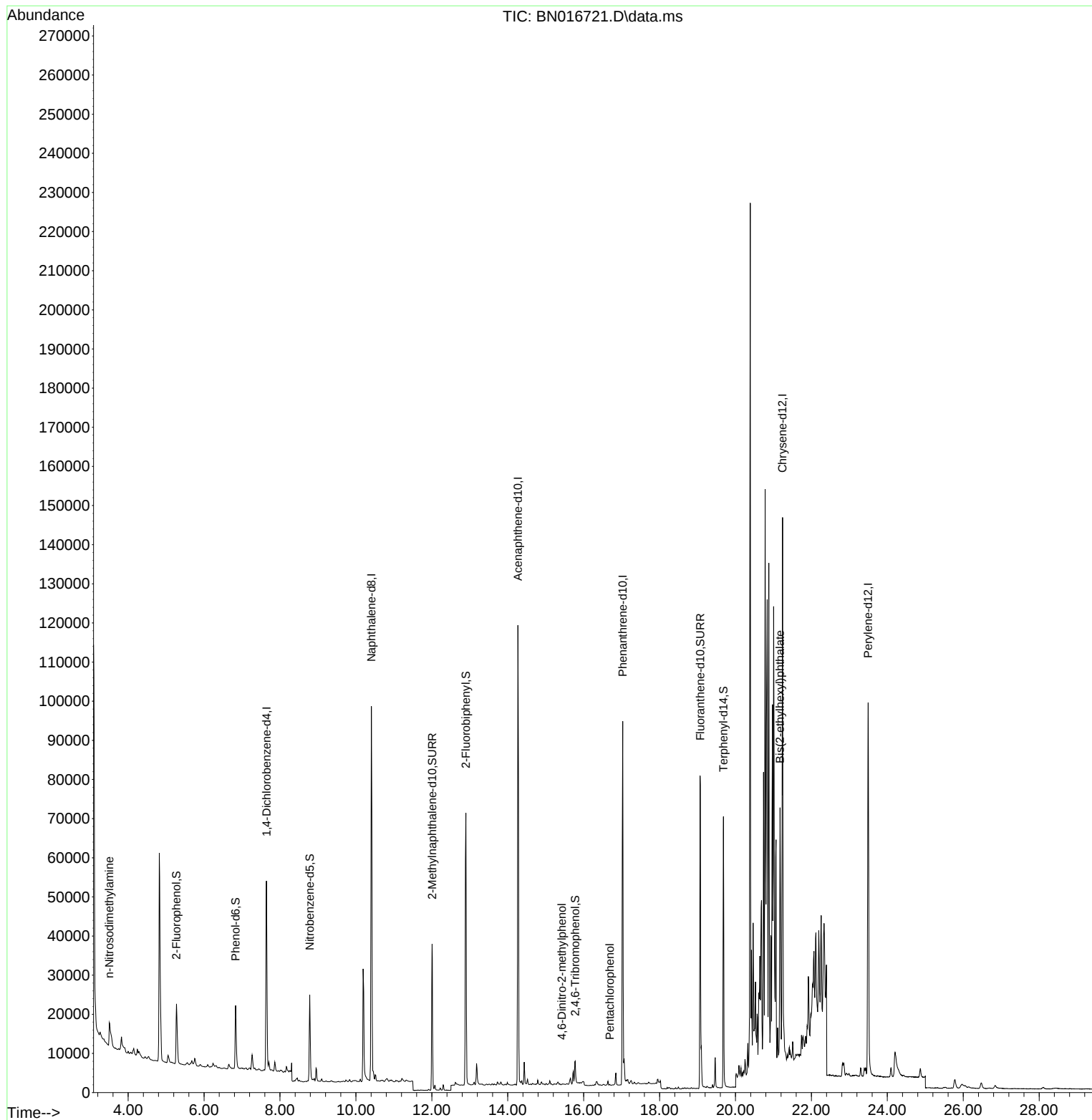
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	28926	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	131857	0.400	ng	0.00
13) Acenaphthene-d10	14.268	164	69408	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	130937	0.400	ng	0.00
29) Chrysene-d12	21.238	240	119958	0.400	ng	0.00
35) Perylene-d12	23.494	264	129261	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.272	112	18588	0.252	ng	0.02
5) Phenol-d6	6.831	99	18655	0.228	ng	0.00
8) Nitrobenzene-d5	8.784	82	19748	0.214	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	51391	0.262	ng	0.00
14) 2,4,6-Tribromophenol	15.778	330	6245	0.273	ng	0.00
15) 2-Fluorobiphenyl	12.898	172	65517	0.236	ng	0.00
27) Fluoranthene-d10	19.073	212	93308	0.260	ng	0.00
31) Terphenyl-d14	19.683	244	71701	0.267	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.502	42	2696	0.124	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.423	198	9	0.267	ng	# 1
24) Pentachlorophenol	16.689	266	72	0.340	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.174	149	83886	0.372	ng	# 82

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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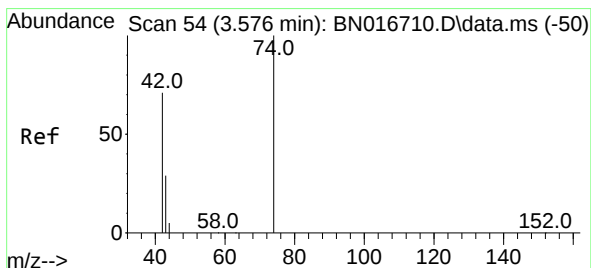
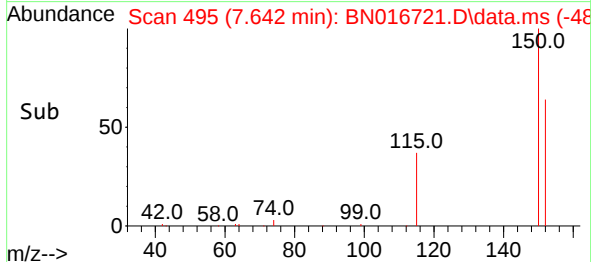
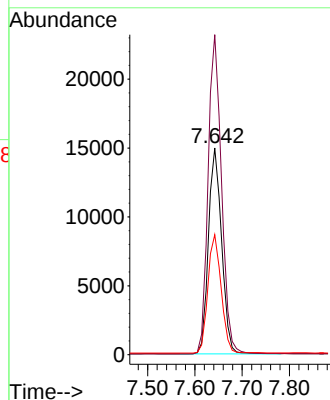
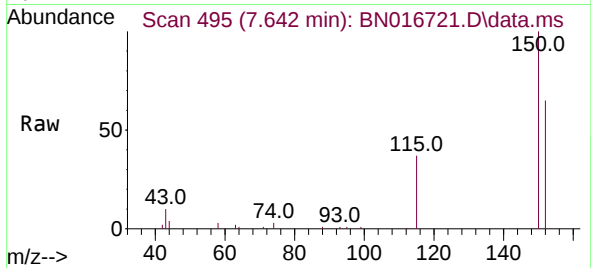




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016721.D
Acq: 04 Oct 2021 22:00

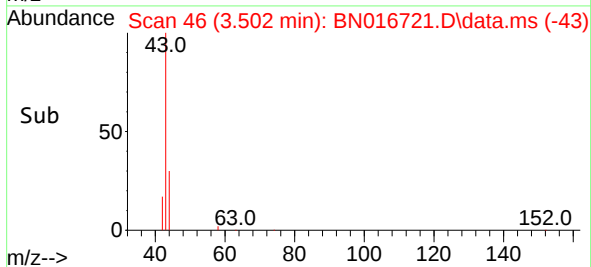
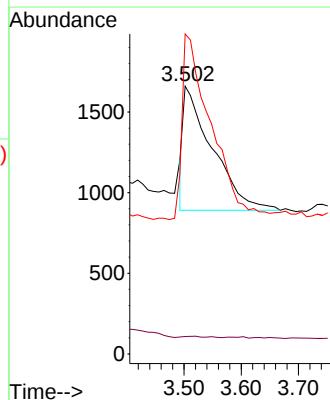
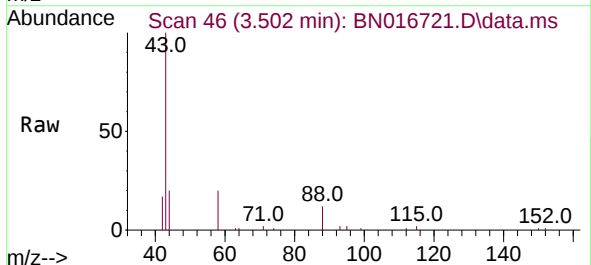
Instrument :
BNA_N
ClientSampleId :
S-818-N-SO-1-1.5-100121-FD

Tgt Ion:152 Resp: 28926
Ion Ratio Lower Upper
152 100
150 154.8 123.3 184.9
115 58.0 47.0 70.6



#3
n-Nitrosodimethylamine
Concen: 0.124 ng
RT: 3.502 min Scan# 46
Delta R.T. -0.074 min
Lab File: BN016721.D
Acq: 04 Oct 2021 22:00

Tgt Ion: 42 Resp: 2696
Ion Ratio Lower Upper
42 100
74 0.4 124.0 186.0#
44 131.3 5.6 8.4#

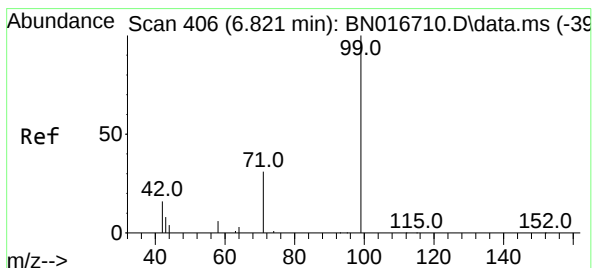
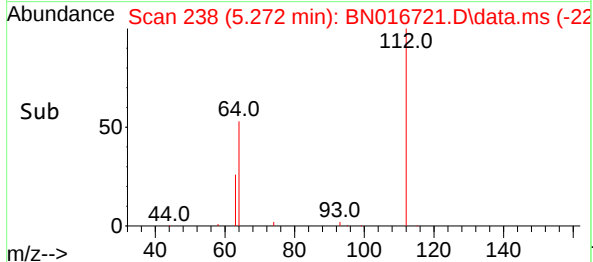
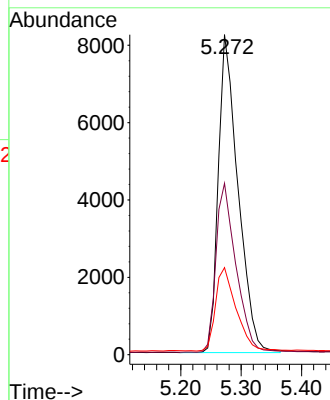
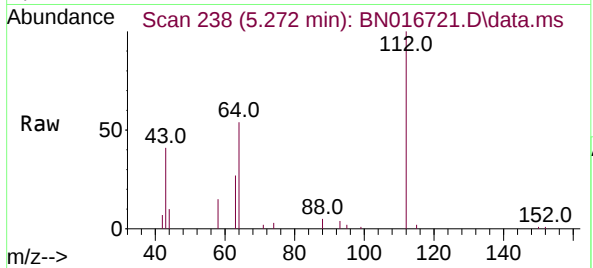




#4
2-Fluorophenol
Concen: 0.252 ng
RT: 5.272 min Scan# 238
Delta R.T. 0.018 min
Lab File: BN016721.D
Acq: 04 Oct 2021 22:00

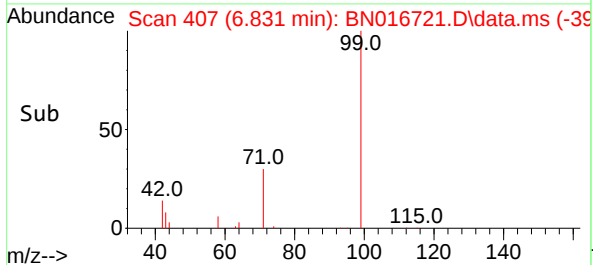
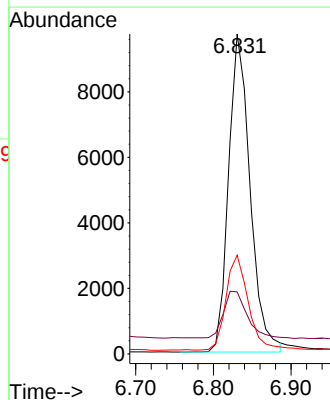
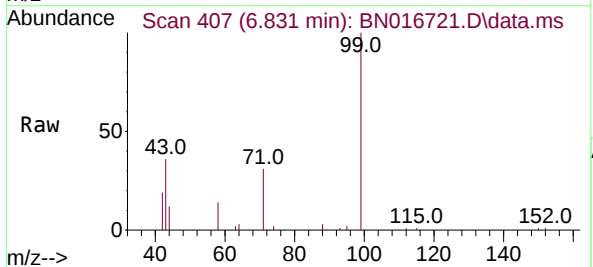
Instrument :
BNA_N
ClientSampleId :
S-818-N-SO-1-1.5-100121-FD

Tgt Ion:112 Resp: 18588
Ion Ratio Lower Upper
112 100
64 53.9 42.9 64.3
63 27.4 21.5 32.3



#5
Phenol-d6
Concen: 0.228 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016721.D
Acq: 04 Oct 2021 22:00

Tgt Ion: 99 Resp: 18655
Ion Ratio Lower Upper
99 100
42 15.8 13.4 20.2
71 30.7 24.0 36.0

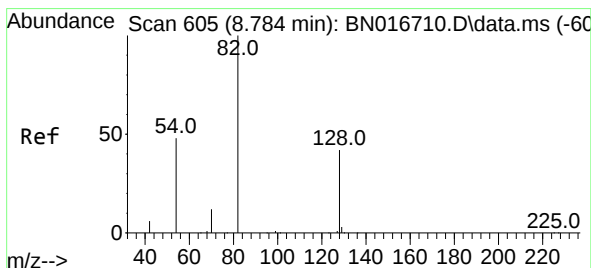
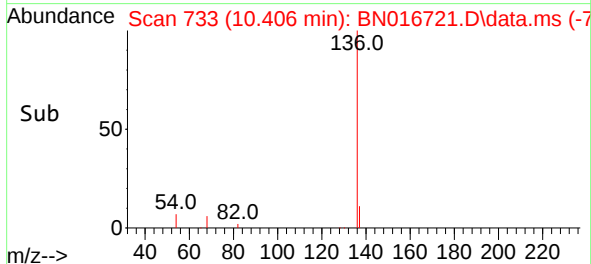
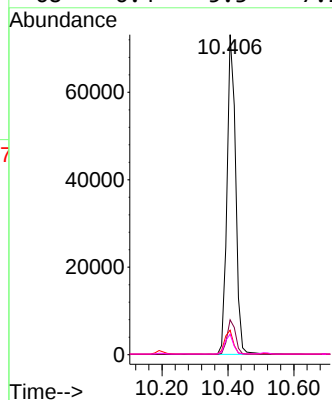
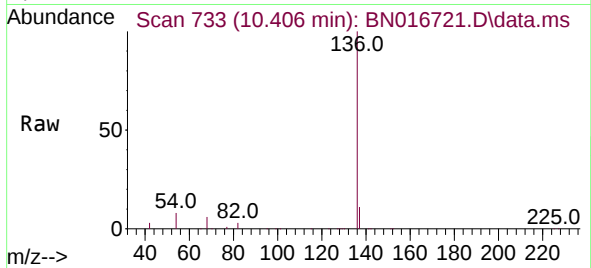




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016721.D
Acq: 04 Oct 2021 22:00

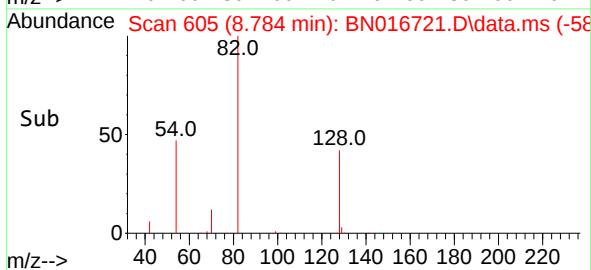
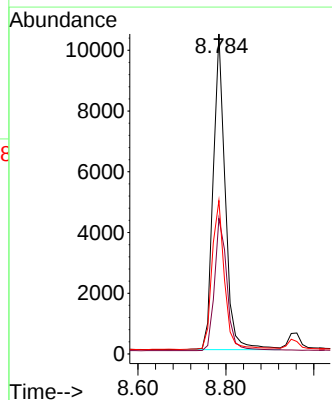
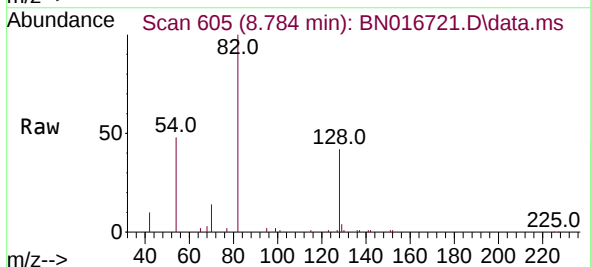
Instrument :
BNA_N
ClientSampleId :
S-818-N-SO-1-1.5-100121-FD

Tgt Ion:	136	Resp:	131857
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	7.7	6.5	9.7
68	6.4	5.3	7.9



#8
Nitrobenzene-d5
Concen: 0.214 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016721.D
Acq: 04 Oct 2021 22:00

Tgt Ion:	82	Resp:	19748
Ion Ratio	Lower	Upper	
82	100		
128	42.4	33.8	50.6
54	47.9	38.5	57.7

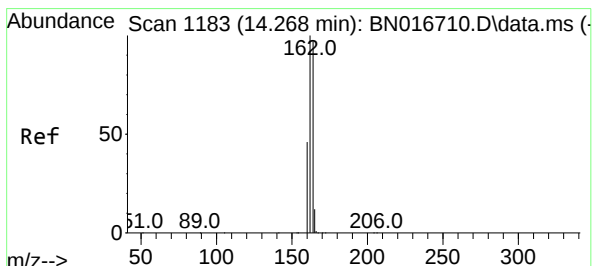
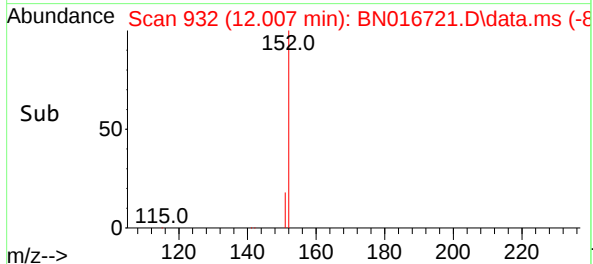
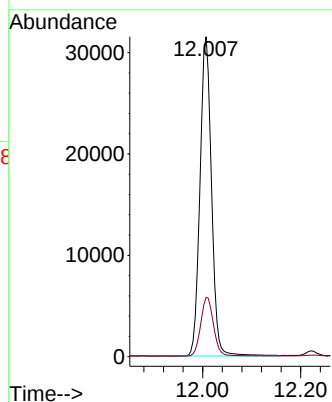
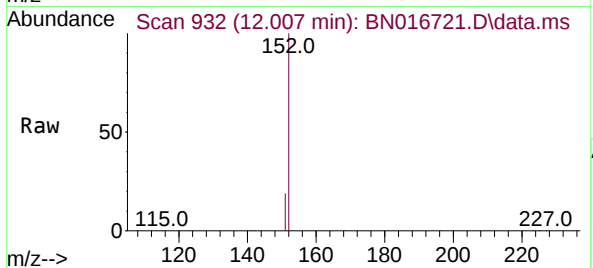




#11
2-Methylnaphthalene-d10
Concen: 0.262 ng
RT: 12.007 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN016721.D
Acq: 04 Oct 2021 22:00

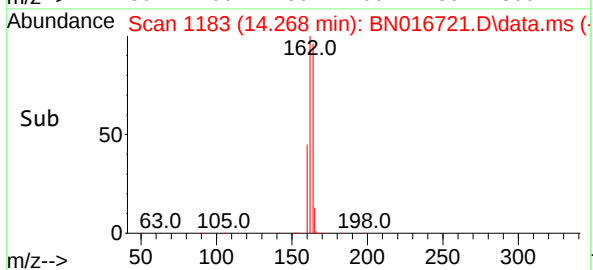
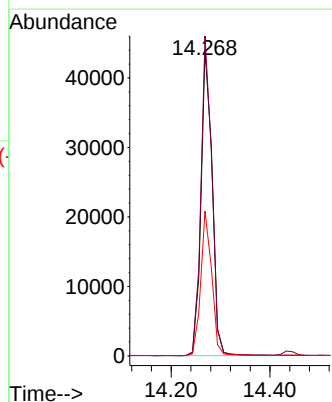
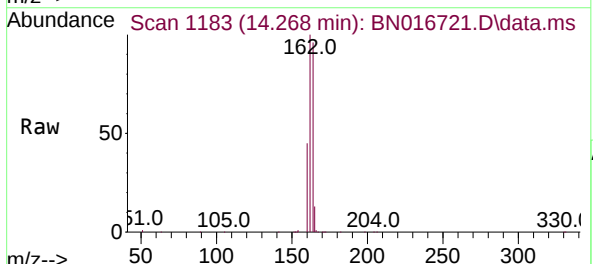
Instrument :
BNA_N
ClientSampleId :
S-818-N-SO-1-1.5-100121-FD

Tgt Ion:152 Resp: 51391
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.268 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016721.D
Acq: 04 Oct 2021 22:00

Tgt Ion:164 Resp: 69408
Ion Ratio Lower Upper
164 100
162 104.6 82.6 124.0
160 47.3 38.2 57.2

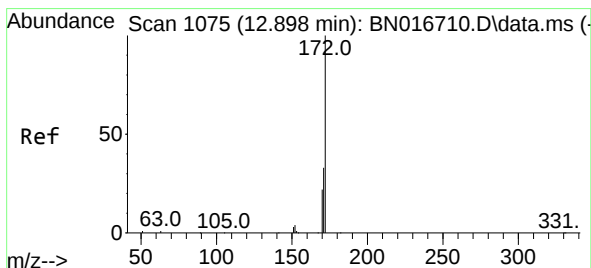
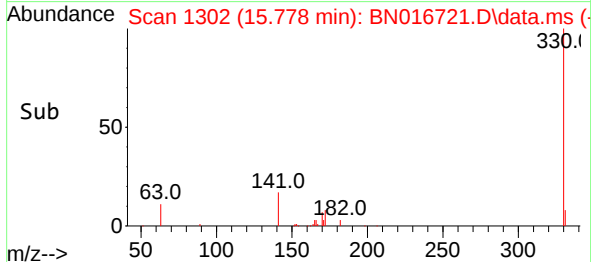
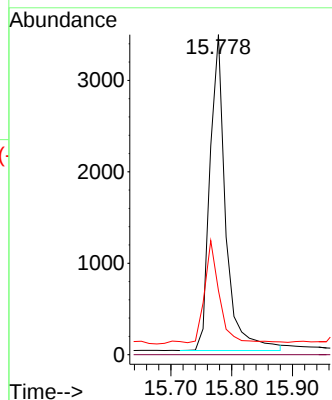
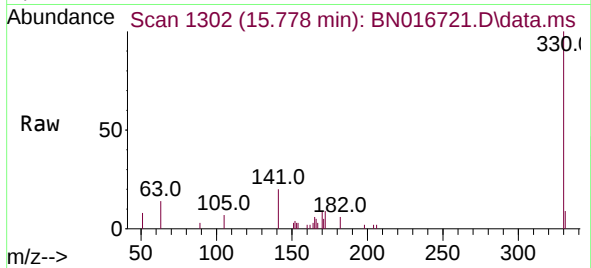




#14
2,4,6-Tribromophenol
Concen: 0.273 ng
RT: 15.778 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BN016721.D
Acq: 04 Oct 2021 22:00

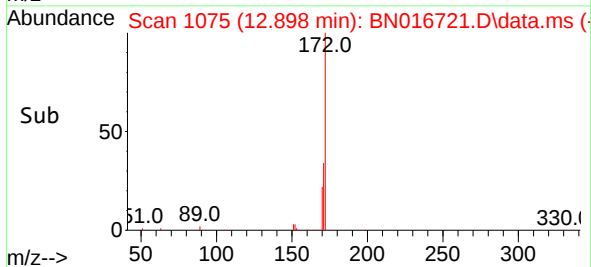
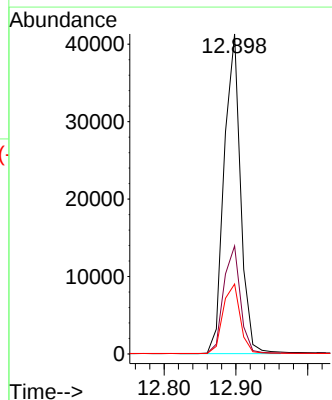
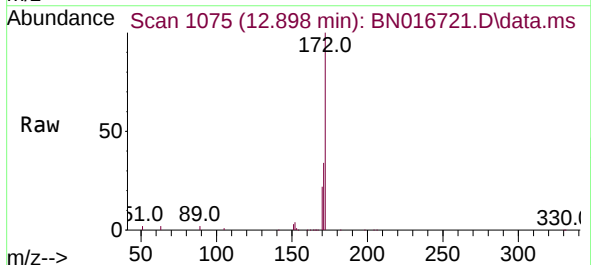
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BNA_N
ClientSampleId :
S-818-N-SO-1-1.5-100121-FD

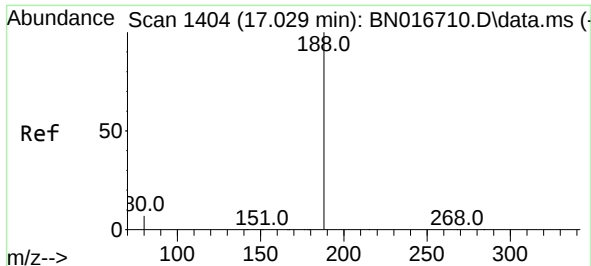
Tgt Ion:	330	Resp:	6245
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	29.7	24.2	36.2



#15
2-Fluorobiphenyl
Concen: 0.236 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016721.D
Acq: 04 Oct 2021 22:00

Tgt Ion:	172	Resp:	65517
Ion	Ratio	Lower	Upper
172	100		
171	33.7	26.9	40.3
170	21.9	17.4	26.0

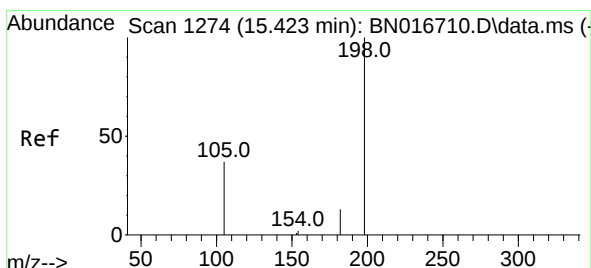
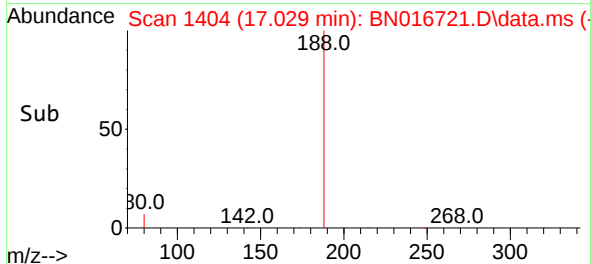
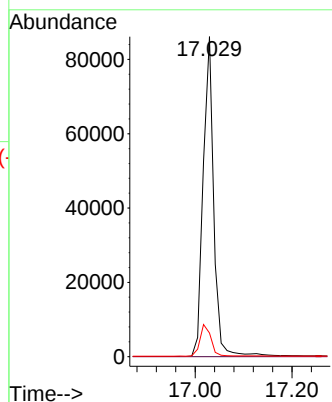
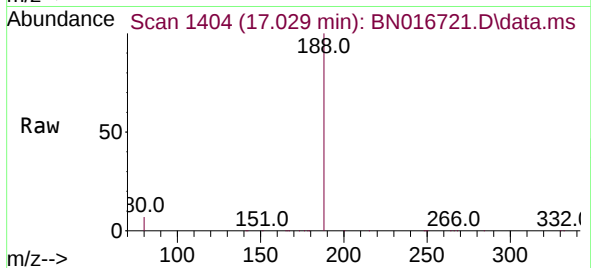




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016721.D
Acq: 04 Oct 2021 22:00

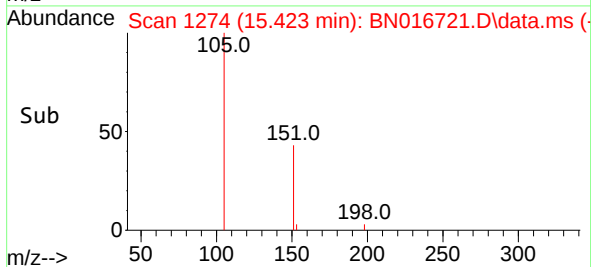
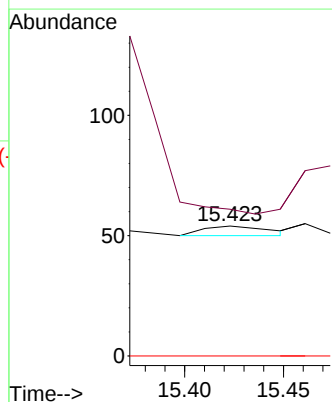
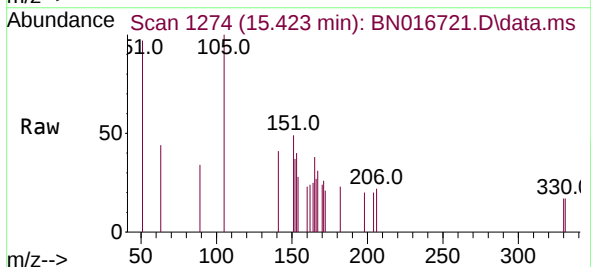
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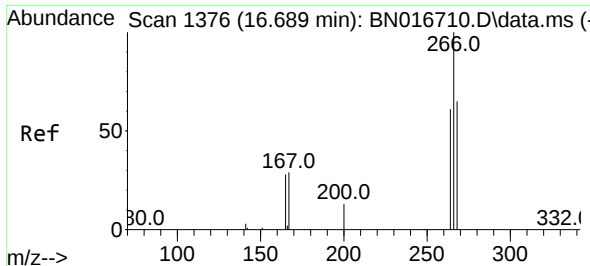
Tgt Ion:188 Resp: 130937
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.4 5.8 8.8



#20
4,6-Dinitro-2-methylphenol
Concen: 0.267 ng
RT: 15.423 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BN016721.D
Acq: 04 Oct 2021 22:00

Tgt Ion:198 Resp: 9
Ion Ratio Lower Upper
198 100
182 113.0 26.2 39.2#
77 0.0 0.0 0.0

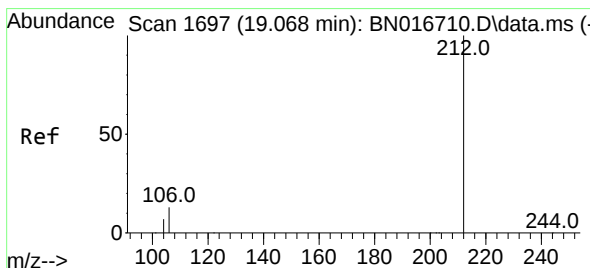
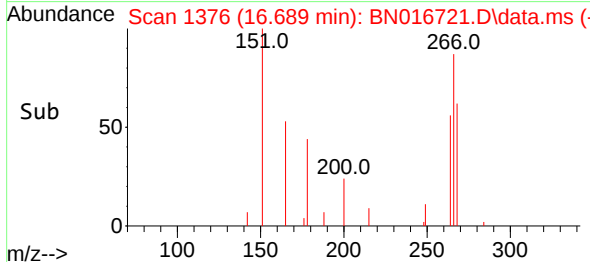
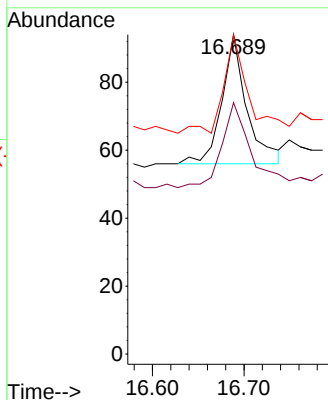
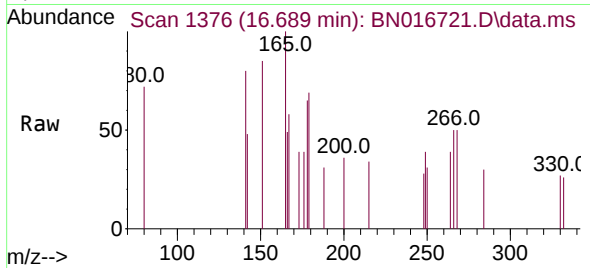




#24
 Pentachlorophenol
 Concen: 0.340 ng
 RT: 16.689 min Scan# 1376
 Delta R.T. -0.000 min
 Lab File: BN016721.D
 Acq: 04 Oct 2021 22:00

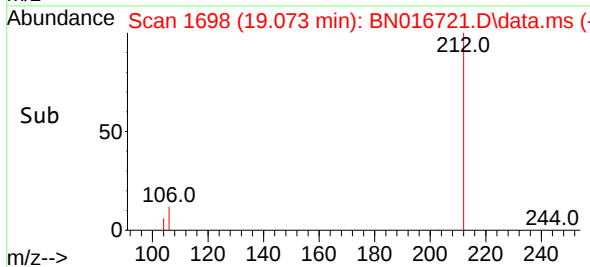
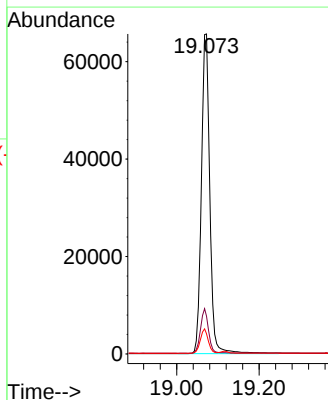
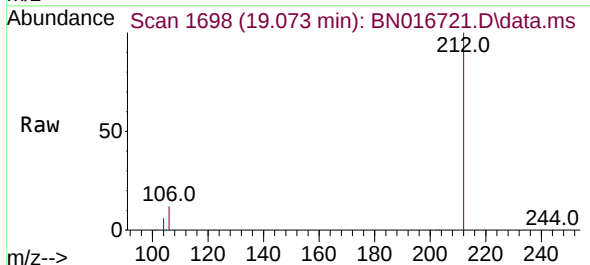
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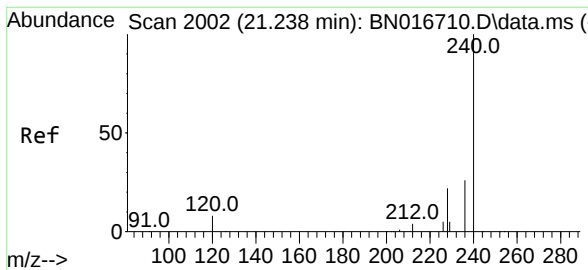
Tgt Ion:	266	Resp:	72
Ion Ratio	Lower	Upper	
266	100		
264	81.9	49.3	73.9#
268	76.4	51.8	77.8



#27
 Fluoranthene-d10
 Concen: 0.260 ng
 RT: 19.073 min Scan# 1698
 Delta R.T. 0.005 min
 Lab File: BN016721.D
 Acq: 04 Oct 2021 22:00

Tgt Ion:	212	Resp:	93308
Ion Ratio	Lower	Upper	
212	100		
106	13.3	10.6	16.0
104	7.1	5.8	8.8

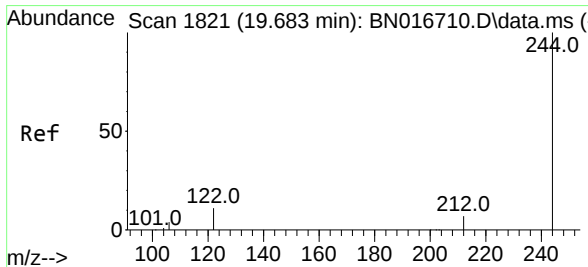
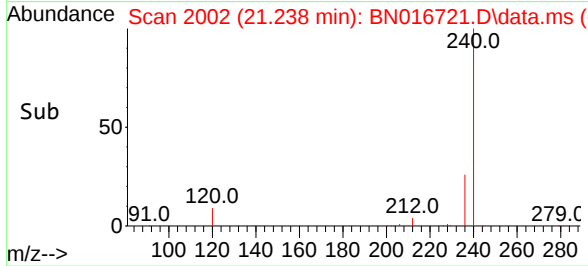
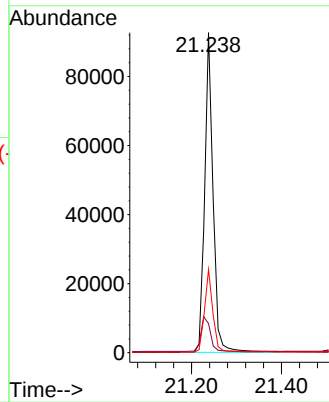
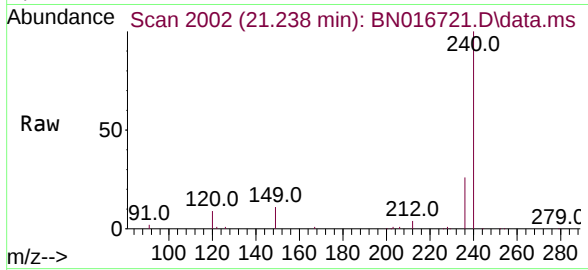




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016721.D
Acq: 04 Oct 2021 22:00

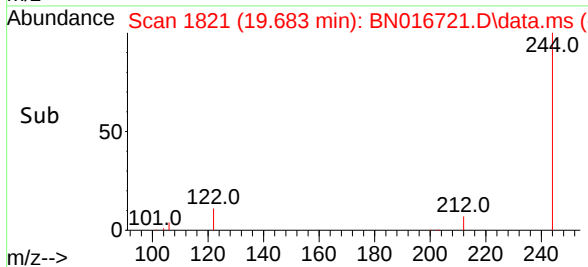
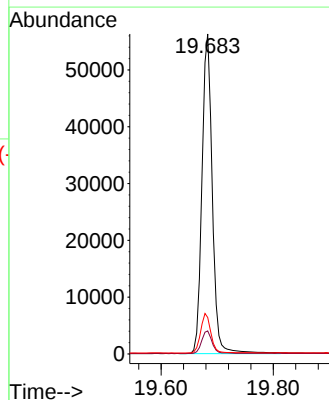
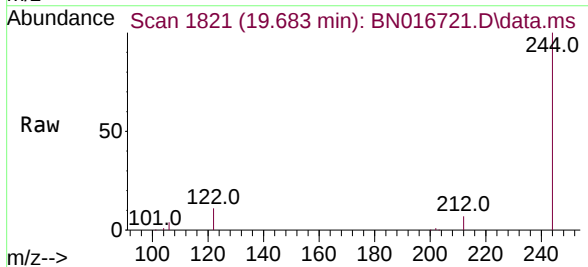
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ClientSampleId :
S-818-N-SO-1-1.5-100121-FD

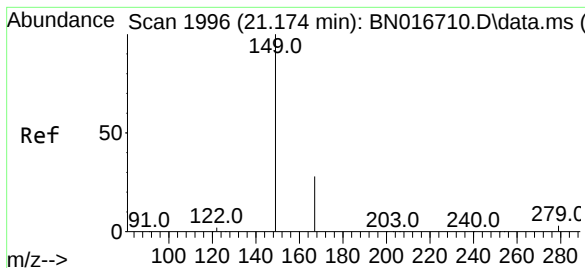
Tgt Ion:	240	Resp:	119958
Ion Ratio	Lower	Upper	
240	100		
120	9.1	6.6	10.0
236	26.0	20.7	31.1



#31
Terphenyl-d14
Concen: 0.267 ng
RT: 19.683 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN016721.D
Acq: 04 Oct 2021 22:00

Tgt Ion:	244	Resp:	71701
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.6
122	11.4	8.9	13.3

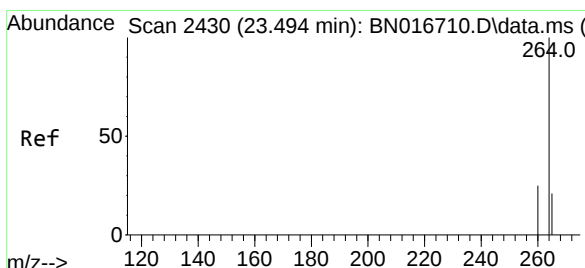
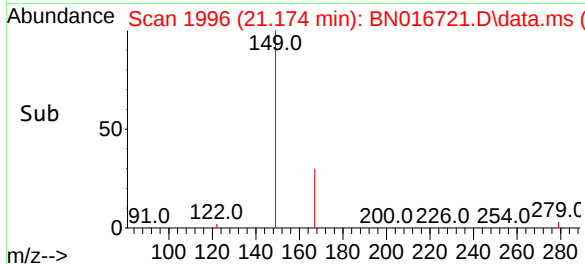
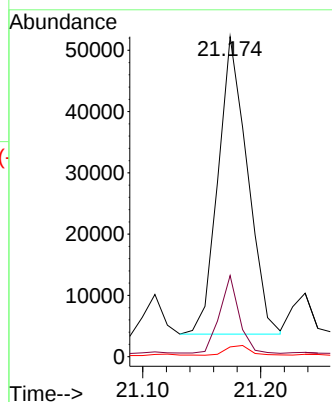
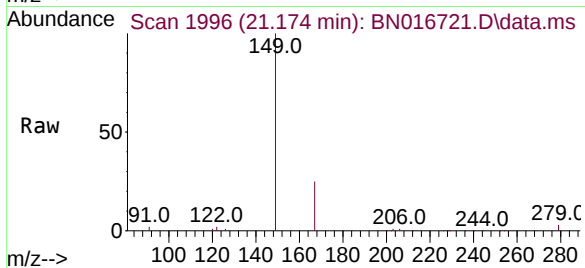




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.372 ng
RT: 21.174 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BN016721.D
Acq: 04 Oct 2021 22:00

Instrument :
BNA_N
ClientSampleId :
S-818-N-SO-1-1.5-100121-FD

Tgt Ion:149 Resp: 83886
Ion Ratio Lower Upper
149 100
167 17.3 22.2 33.4#
279 2.7 3.4 5.2#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.494 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN016721.D
Acq: 04 Oct 2021 22:00

Tgt Ion:264 Resp: 129261
Ion Ratio Lower Upper
264 100
260 24.5 19.8 29.6
265 23.9 20.3 30.5

